

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2005/000196

## A. CLASSIFICATION OF SUBJECT MATTER

H01M8/22 H01M8/06 C01C1/02 B01D53/00 B01J20/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01M B01J B01D C01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 2003/219371 A1 (AMENDOLA STEVEN C) 27 November 2003 (2003-11-27) paragraphs [0007] - [0019], [0030] - [0038]	1-20
Y	FR 1 421 033 A (GOUVERNEMENT DES ETATS-UNIS D'AMERIQUE REPRESENTE PAR L'ADMINISTRATION) 10 December 1965 (1965-12-10) page 2, column 2, paragraph 5 - page 3, column 2, paragraph 1 claims 1,2	1-20
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex.

\* Special categories of cited documents .

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*8\* document member of the same patent family

Date of the actual completion of the international search

23 February 2006

Date of mailing of the international search report

12/04/2006

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LIU CHUN YI ET AL: "Ammonia Absorption on Alkaline Earth Halides as Ammonia Separation and Storage Procedure" BULL. CHEM. SOC. JPN.; BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN 2004, vol. 77, no. 1, 2004, pages 123-131, XP002369290 page 123, paragraph 1 - page 124, paragraph 2 page 125, paragraph 2 - page 128, paragraph 5	1-20
A	WOJCIK A ET AL: "Ammonia as a fuel in solid oxide fuel cells" JOURNAL OF POWER SOURCES, ELSEVIER, AMSTERDAM, NL, vol. 118, no. 1-2, 25 May 2003 (2003-05-25), pages 342-348, XP004425701 ISSN: 0378-7753 page 342, column 1, paragraph 1 - page 343, column 2, paragraph 5 page 347, column 1, paragraph 3 - page 347, column 2, paragraph 1	1-7,15, 16,19,20
A	US 4 848 994 A (ROCKENFELLER ET AL) 18 July 1989 (1989-07-18) column 1, line 26 - column 2, line 62	1-20
A	US 2001/053342 A1 (MARKO ARMIN ET AL) 20 December 2001 (2001-12-20) paragraphs [0003], [0014] - [0019], [0025] - [0033]	1-20
A	US 2001/042378 A1 (PFISTER DENNIS M ET AL) 22 November 2001 (2001-11-22) paragraphs [0002], [0010], [0011], [0015] - [0027]	1-20

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003219371	A1	27-11-2003	NONE
FR 1421033	A	10-12-1965	NONE
US 4848994	A	18-07-1989	NONE
US 2001053342	A1	WO	9901205 A1 14-01-1999
		DE	19728343 C1 15-04-1999
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US 2001042378	A1	22-11-2001	NONE